

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"732848".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 12:08
S2	2	"6120462".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 12:51
S3	2	"4662869".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 12:15
S4	1	biopsy and ((cutter near7 (fluid liquid gas pneumatic piston)) same ((second near4 cutter) near7 (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 12:55
S5	1	biopsy and ((cutter with (fluid liquid gas pneumatic piston)) same ((second near4 cutter) with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 12:55
S6	28	biopsy and ((cutter with (fluid liquid gas pneumatic piston)) and ((second near4 cutter) with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:51
S7	13	biopsy and ((cutter with (pressure vacuum)) and ((second near4 cutter) with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:47
S8	34	biopsy and ((cutter with (fluid liquid gas pneumatic piston pressure vacuum)) and ((second with cutter) with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:08

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S9	6	S8 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:52
S10	17	biopsy and ((first with (advanc\$4 translat\$4) with (fluid liquid gas pneumatic piston pressure vacuum)) and (second with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:14
S11	11	biopsy and ((cutter with (fluidily pneumatically pressur\$4)) and ((second with cutter) with (mechanical motor thread)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:08
S12	12	S10 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:18
S13	4	biopsy and ((first with (advanc\$4 translat\$4) with (fluidily pneumatically pressur\$4)) and (second with (mechanically motor mechanical thread threadedly)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:23
S14	2	"6527731".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:18
S15	18	biopsy and ((first with (advanc\$4 translat\$4) with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum)) and (second with (mechanically motor mechanical thread threadedly)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:49
S16	39	biopsy and ((cutter with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum)) and (second with cutter with (mechanically motor mechanical thread threadedly)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:45

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S17	5	S16 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:29
S18	8	S15 not (S16 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:35
S19	2	biopsy and ((first with (advanc\$4 translat\$4) with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum)) and (second with ((no without) near4 (fluid liquid gas pneumatic pneumatically piston pressur\$4 vacuum))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:47
S20	191	biopsy and ((cutter with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum)) and (second with cutter ((no without) near4 (fluid liquid gas pneumatic pneumatically piston pressur\$4 vacuum))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:50
S21	151	S20 not (S8 S10 S15 S16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:32
S22	92	S21 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:58
S23	3	biopsy and ((first with (advanc\$4 translat\$4) with only)) and (second with (advanc\$4 translat\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:58
S24	5	biopsy and ((cutter with (advanc\$4 translat\$4) with only)) and (second with cutter with (advanc\$4 translat\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:51

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S25	30	biopsy and ((cutter with (advanc\$4 transl\$4))) and (second with cutter with (advanc\$4 transl\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:32
S26	17	S25 not (S8 S10 S15 S16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:52
S28	181	biopsy and ((first with (advanc\$4 transl\$4))) and (second with (advanc\$4 transl\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:48
S29	6	biopsy and ((cutter with (advanc\$4 transl\$4) with ((no without) near\$4 rotat\$4))) and (second with cutter with (advanc\$4 transl\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:55
S30	148	S28 not (S8 S10 S15 S16 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:53
S31	108	S30 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:09
S32	3	biopsy and ((first with (advanc\$4 transl\$4) with ((no without) near\$4 rotat\$4))) and (second with (advanc\$4 transl\$) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:53
S33	16	("4763662"   "5415169"   "5493130"   "5494039"   "5549112"   "5647373"   "5769086"   "5924992"   "5947964"   "5980469"   "6017316"   "6027457"   "6155988"   "6193673"   "6273862"   "6344026").PN. OR ("6527731").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 17:00

## EAST Search History

S34	0	biopsy and ((cutter with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum suction)) and (second with cutter with (nonpneumatic nonpneumatically "non-pneumatic" "non-pneumatically" (non adj (pneumatic pneumatically))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:46
S35	1	biopsy and (first with (advanc\$4 transl\$4) with (fluidily pneumatically pressur\$4 fluid liquid gas piston pneumatic vacuum suction)) and (second with (nonpneumatic nonpneumatically "non-pneumatic" "non-pneumatically" (non adj (pneumatic pneumatically))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:51
S36	0	biopsy and (first with (advanc\$4 transl\$4) with (nonrotat\$4 non-rotat\$4 (non adj rotat\$4))) and (second with (advanc\$4 transl\$4) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:55
S37	6	biopsy and (cutter with (advanc\$4 transl\$4) with (nonrotat\$4 non-rotat\$4 (non adj rotat\$4))) and (second with cutter with (advanc\$4 transl\$4) with rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:56
S38	2	"6540695".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 19:58
S39	2	"6638235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:02
S40	2	"6585664".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:28

## EAST Search History

S41	2	"6086544".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:28
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